

VIRGINIA'S HEALTH IS IN OUR HANDS.

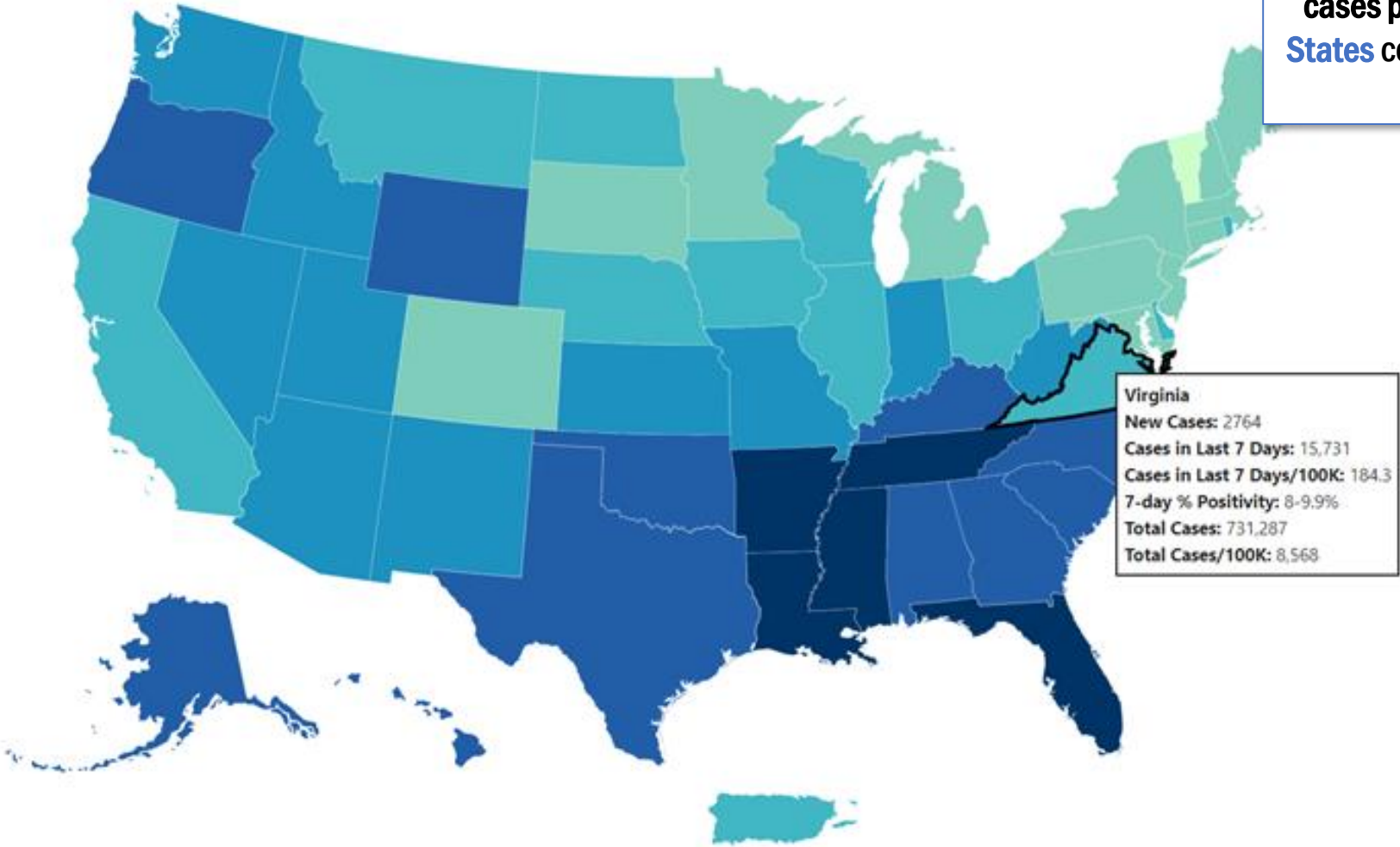
Do your part,
stop the spread.

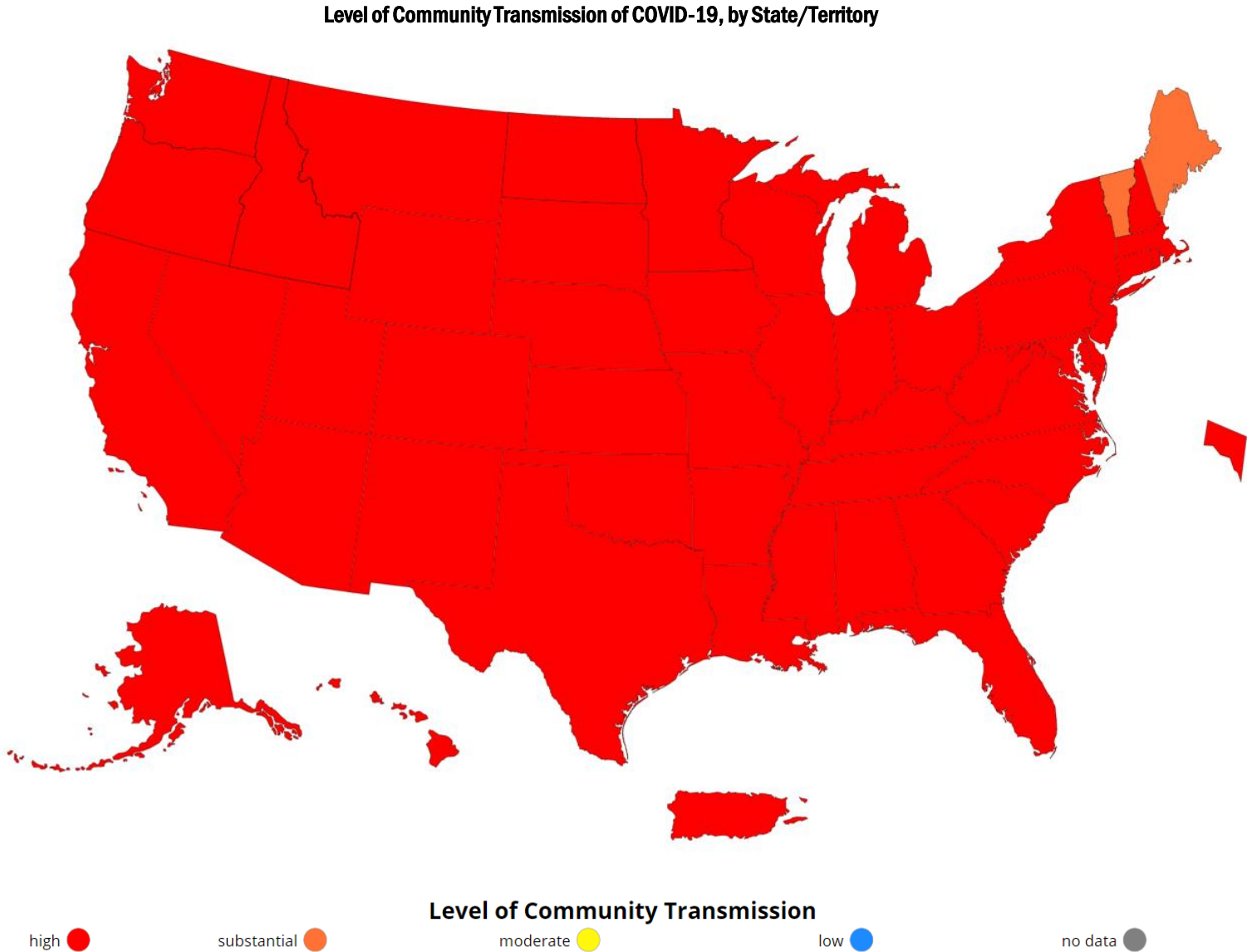
COVID-19 Surveillance Data Update

August 16, 2021

National: Weekly New Cases per 100k

US COVID-19: 7-Day Case Rate per 100,000, by State/Territory



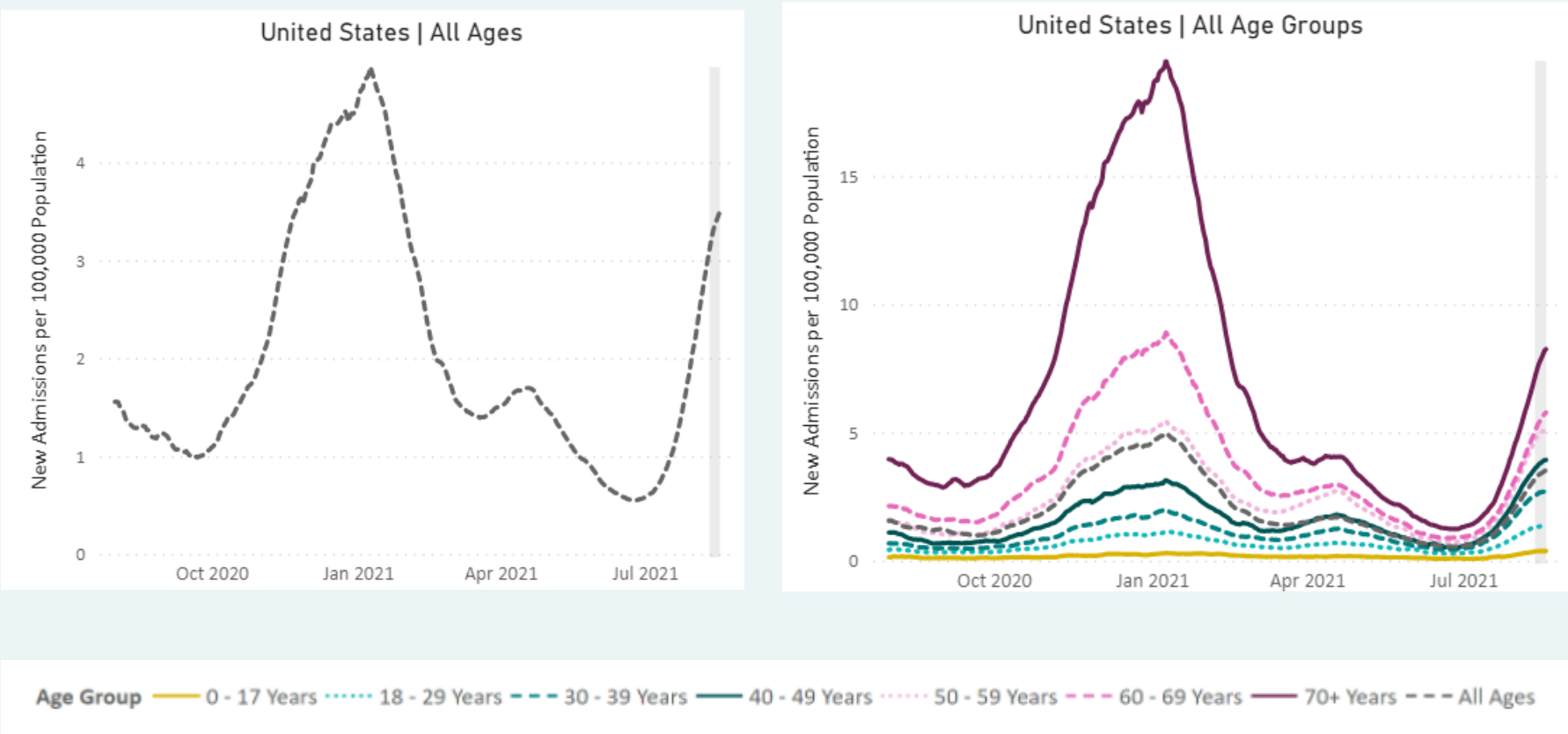


	Cases in the Last 7 Days Per 100k Population
Virginia	184.3
U.S.	280.5
Louisiana	785.2
Florida	664.3
Mississippi	842.6

Indicator	Total new cases per 100k persons in the past 7 days
Low Transmission	0-9.99
Moderate Transmission	10-49.99
Substantial Transmission	50-99.99
High Transmission	≥ 100

National: Hospitalizations

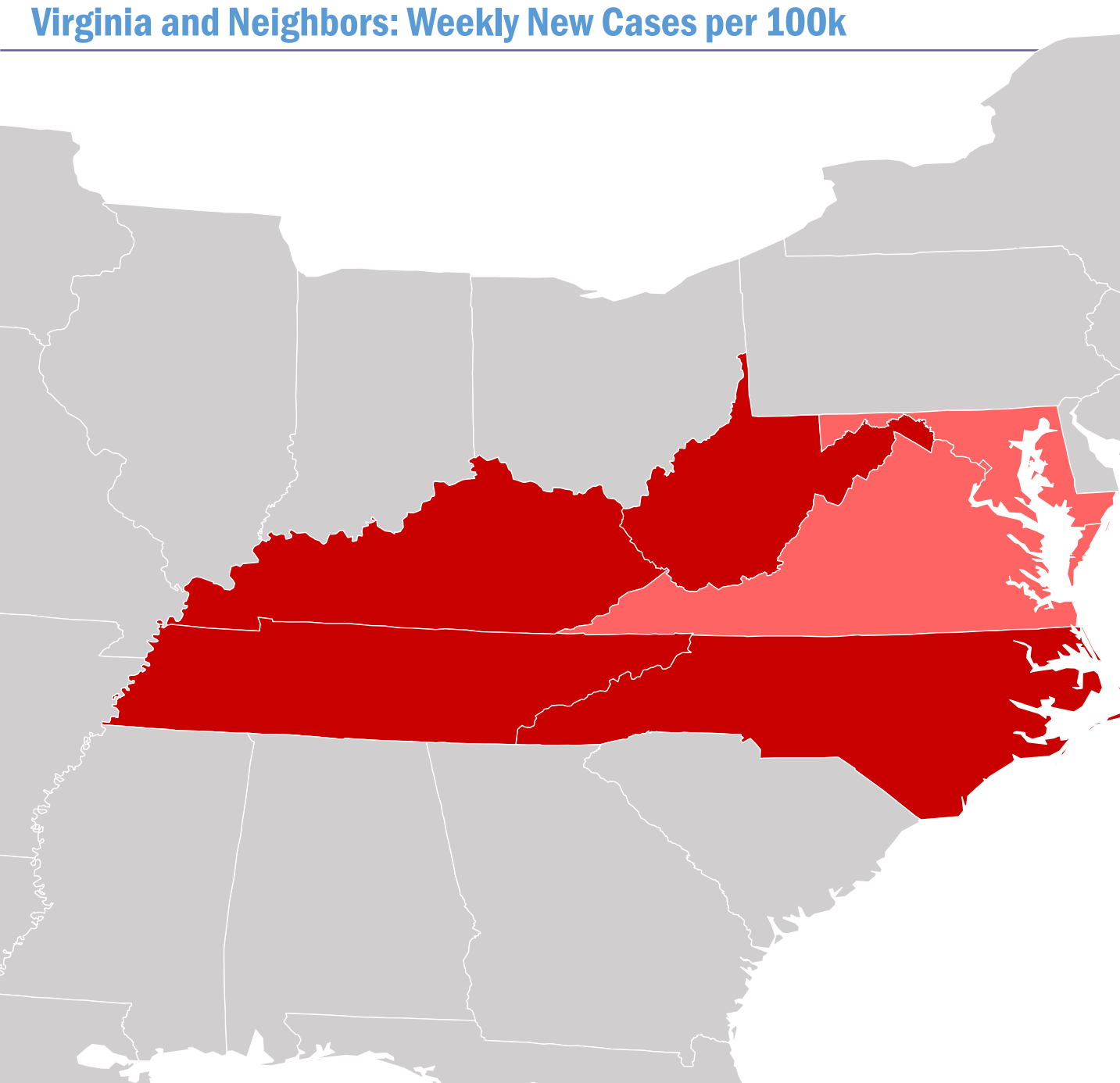
New Admissions of Patients with Confirmed COVID-19 per 100k Population by Age Group



2,602,384
Total Admissions

11,681
Current 7-day Average

+12.1%
% Change in 7-day Average



Over the last 7 days, **Virginia** had **184.3 (+15%)** new confirmed cases per week per 100k

Rates Higher than Virginia:
Tennessee, **488.8 (+47%)**
Kentucky, **406.4 (+6%)**
North Carolina, **357.3 (+56%)**
West Virginia, **265.7 (+68%)**

Rates Lower than Virginia:
District of Columbia, **149.8 (-2%)**
Maryland, **112.2 (+14%)**

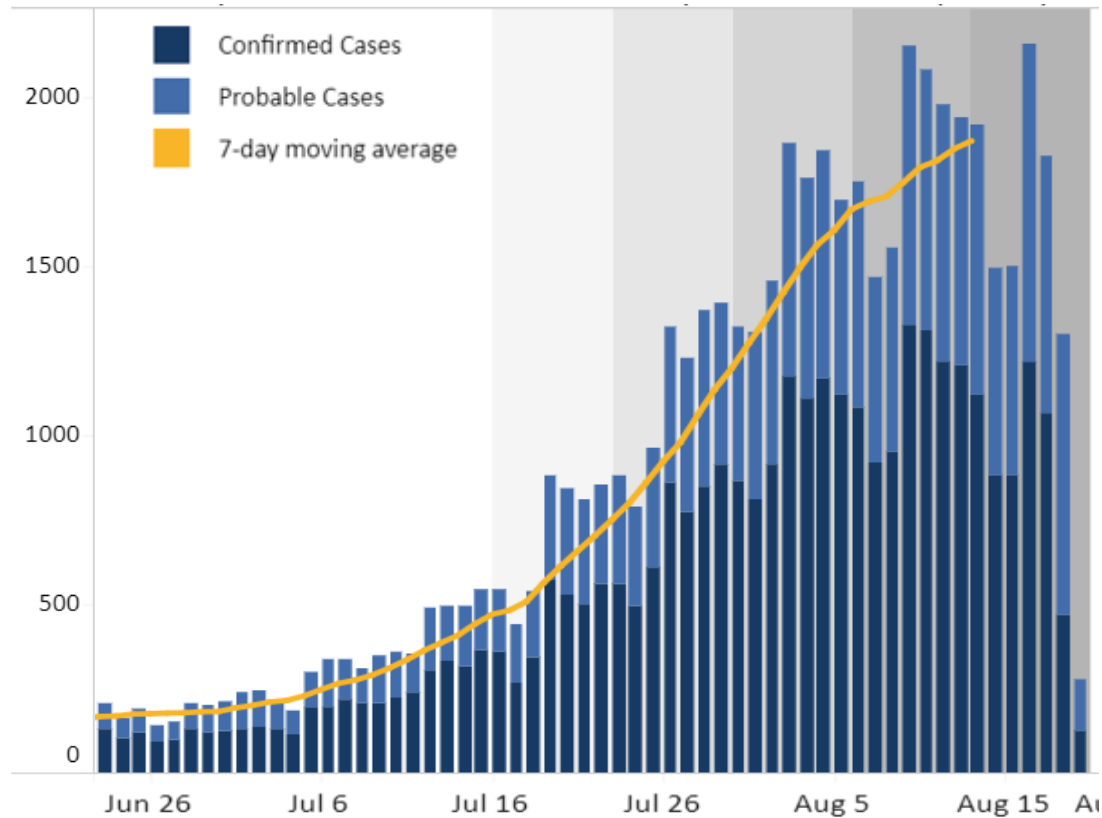
Legend	New cases per 100k population per week
Light Green	5-9
Yellow	10-49
Orange	50-99
Light Red	100-199
Red	200-499

Source and thresholds provided by CDC, [HealthData.gov](https://healthdata.gov)

Virginia: Cases, Hospitalizations, and Deaths

Cases by Date of Symptom Onset, last 60 days

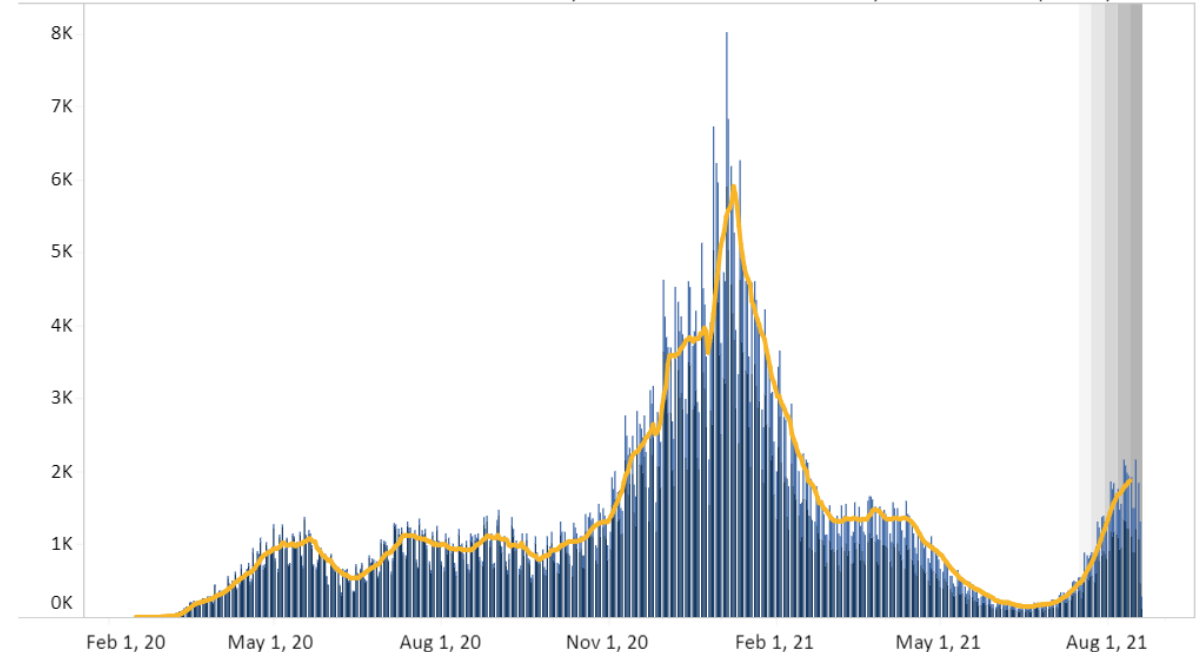
Gray shaded area illness may not have been reported yet



- Compared to last week, cases increased to 2,322 (7-day MA) per day (+24%)
 - 65% lower than the January peak of 2021
 - 80% higher than the March low of 2021
 - 1700% higher than the June low of 2021
- Hospitalizations increased to 1,196 per day (+37%)
- Deaths increased to 6.9 per day (+30%)

Cases, All Reporting Timeline

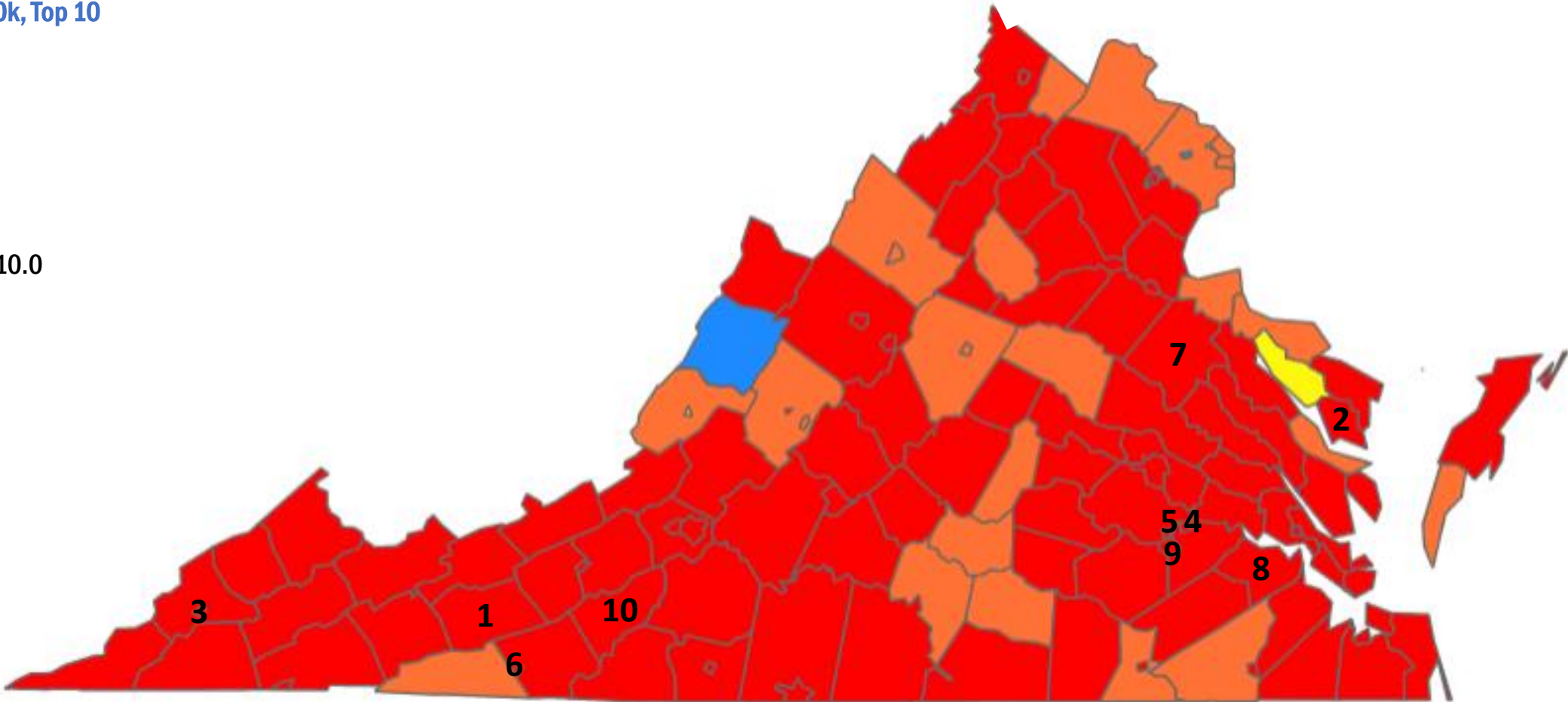
Gray shaded area indicates illness may not have been reported yet



Virginia: Level of Community Transmission by Locality

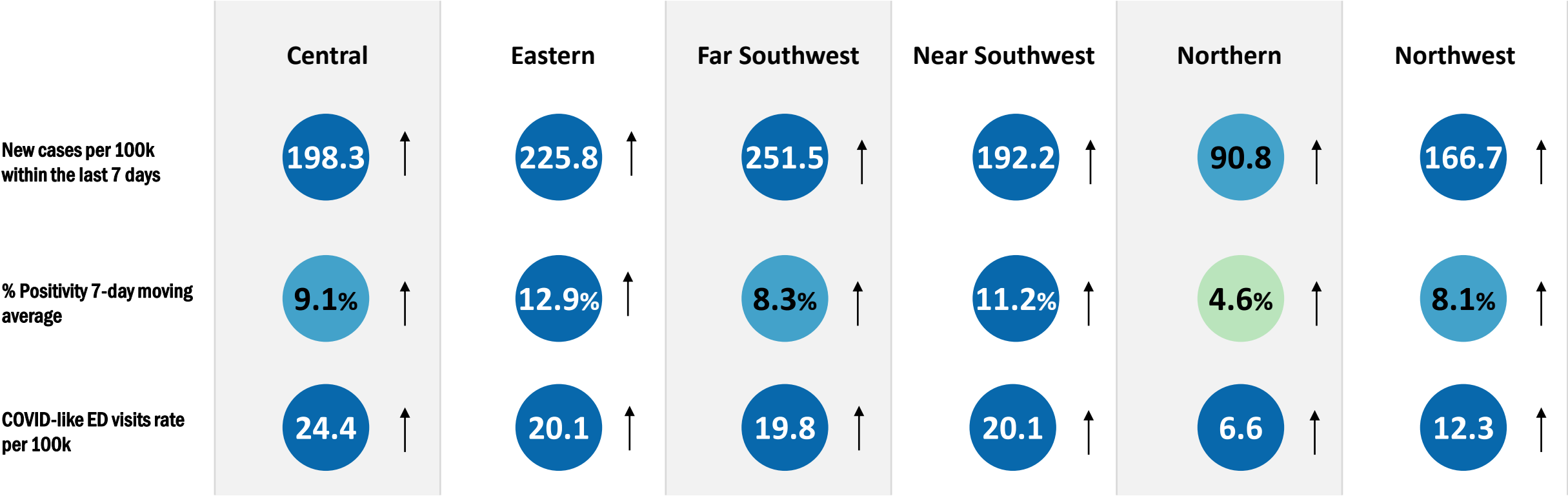
7-day New Cases per 100k, Top 10

- 1. Wythe, 393.5
- 2. Lancaster, 344.5
- 3. Norton, 342.0
- 4. Hopewell, 327.5
- 5. Colonial Heights, 310.0
- 6. Galax, 286.9
- 7. Caroline, 282.7
- 8. Surry, 256.0
- 9. Petersburg, 242.1
- 10. Floyd, 236.1



	Low Transmission	Moderate Transmission	Substantial Transmission	High Transmission
7-day Total new cases per 100k	0-9.99	10-49.99	50-99.99	≥ 100
Percent Positivity	0-4.9%	5%-7.9%	8%-9.9%	≥ 10%

Metrics date: 08/16/2021

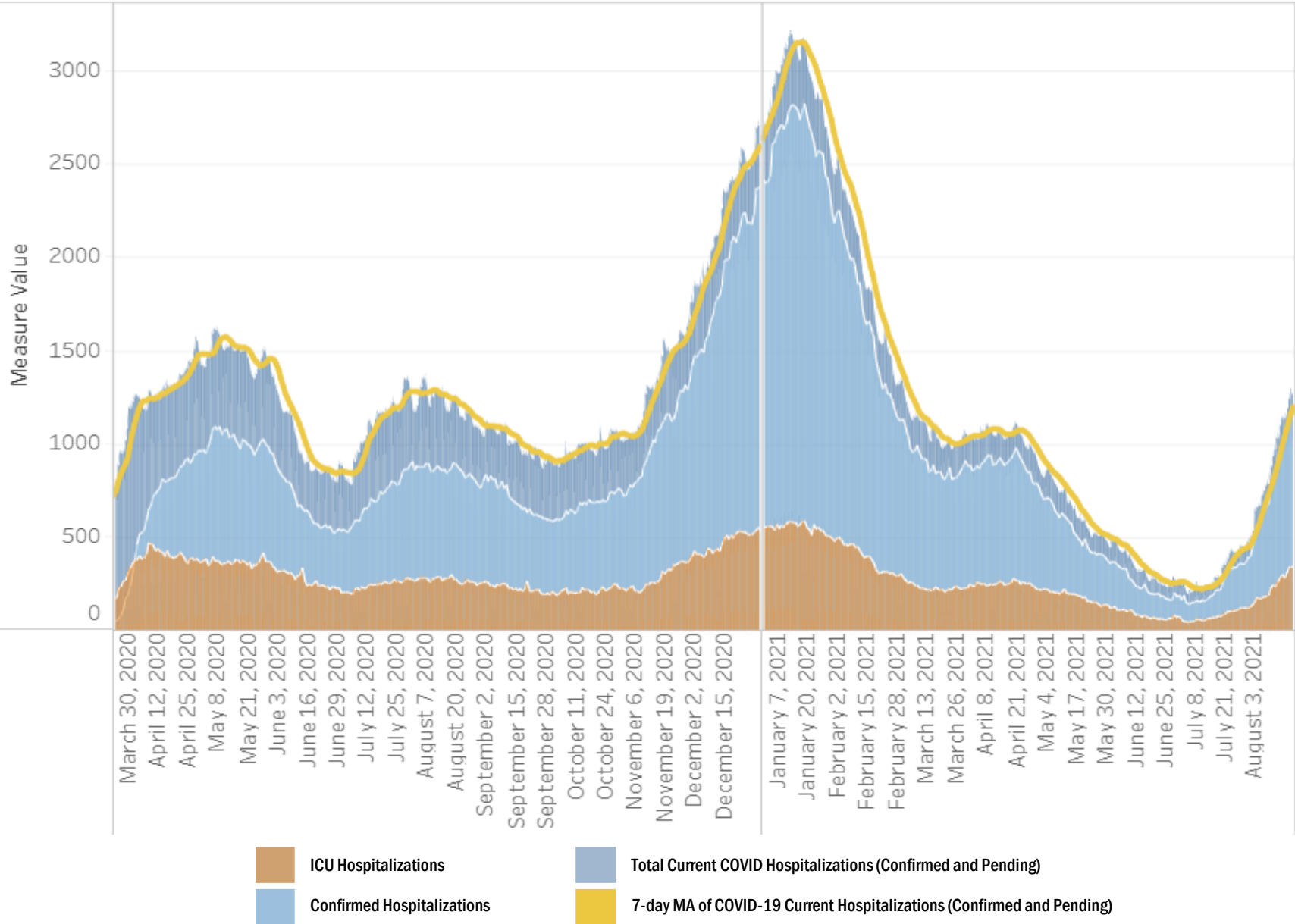


Burden	Level 0	Level 1	Level 2	Level 3	Level 4
New Cases	<10	10-49		50-100	>100
% Positivity	<3	3-5	5-8	8-10	>10
CLI ED Visits	<4		4-5.9		≥6

Symbol	Trend
↑	Increasing
↓	Decreasing
○	Fluctuating

Source: [Region Metrics – Coronavirus](#)
Data represents a 7-day moving average, trends compared to 1 week ago

Virginia: COVID-19 in Virginia Hospitals



1196
Current 7-day Average
Current Hospitalizations

+37.0%
% Change in 7-day
Average

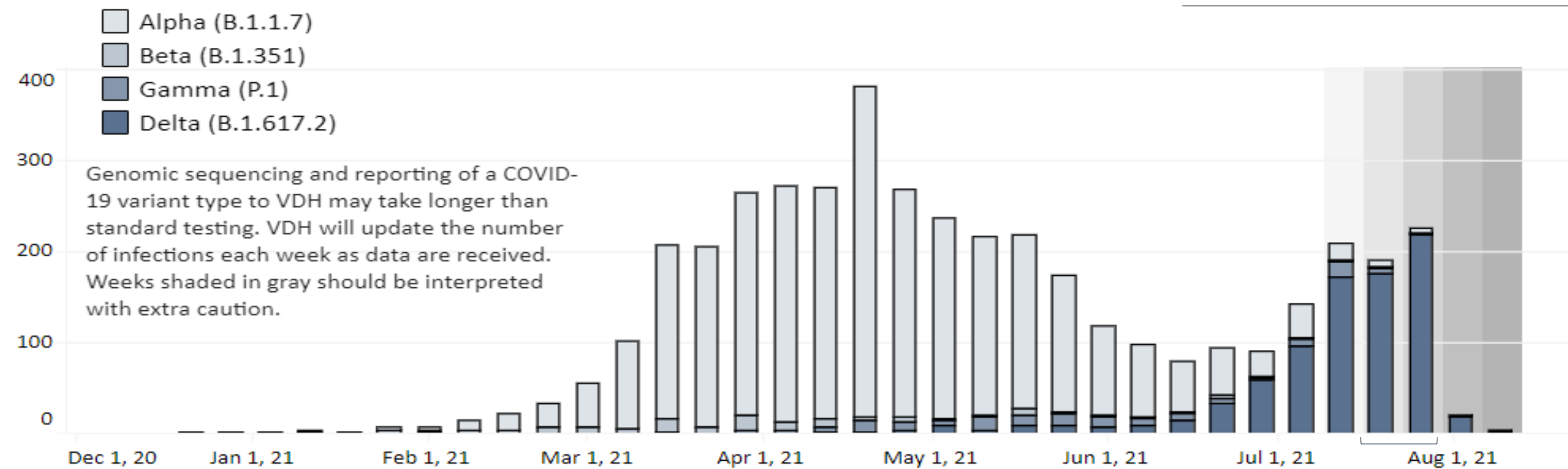
-62.0%
% Change from peak 7-
day Average (Jan 2021)

Virginia: Outbreaks by Week

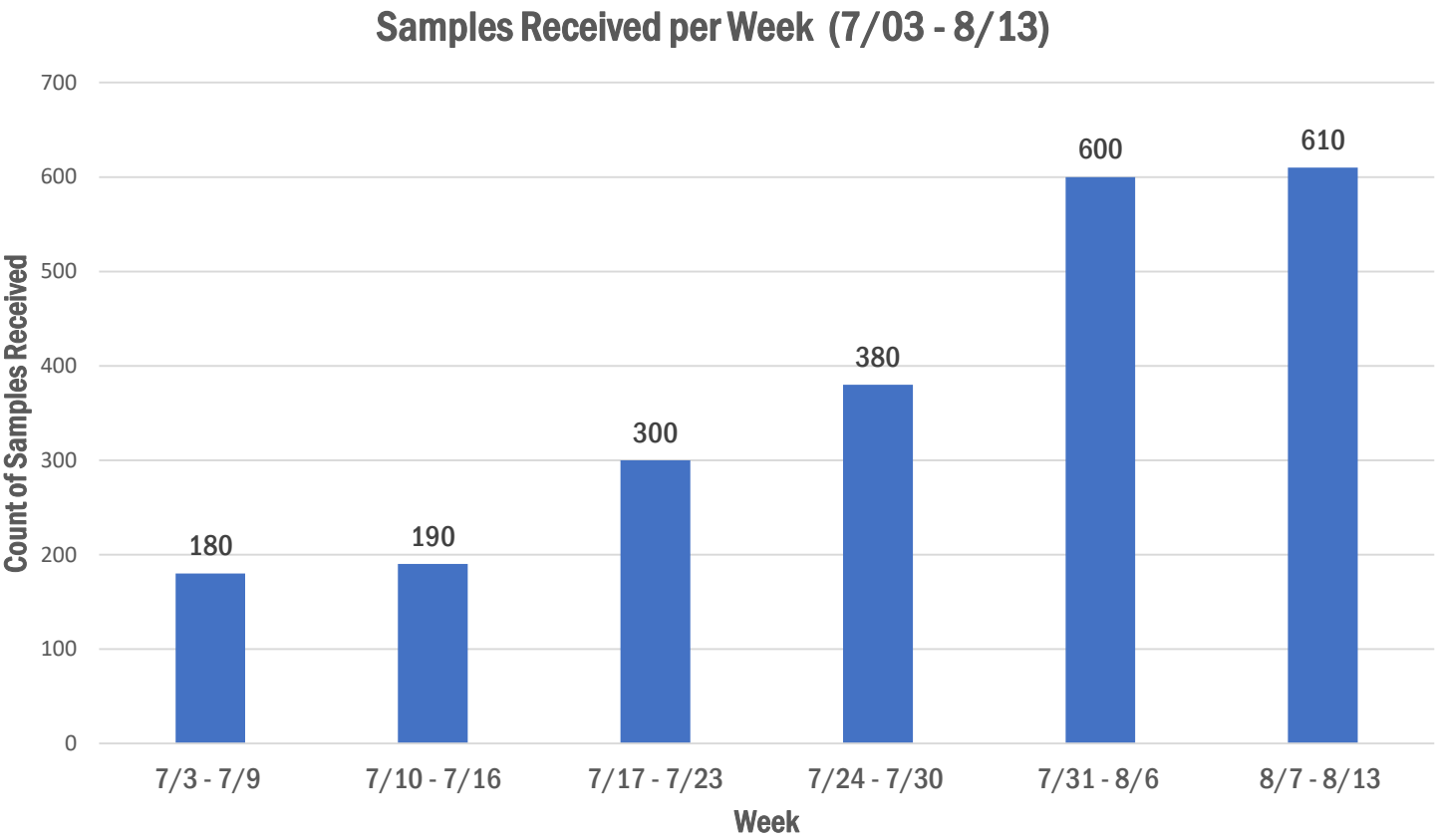
Distinct Count of Outbreaks, Blue Bars are Confirmed Outbreaks



Number of Variant of Concern Infections Reported to VDH by Week

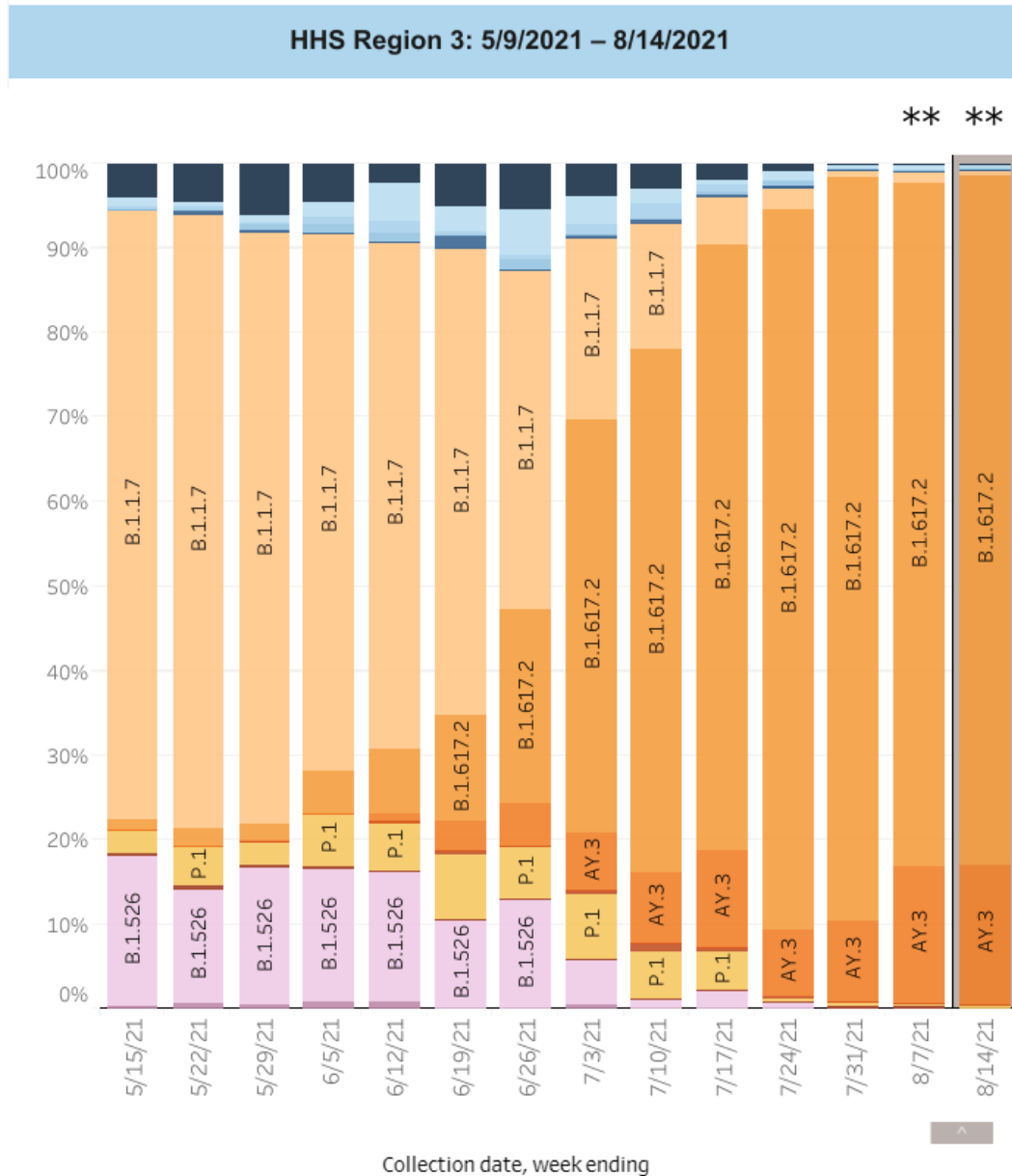


	Week Ending 7/17/2021	Week Ending 7/24/2021	Percent Change
Alpha	3.7%	2.7%	-27.0%
Beta	0%	0%	0%
Gamma	4.2%	0%	-100%
Delta	92.1%	97.3%	+5.6%



Week	WGS Samples Received
7/3 - 7/9	180
7/10 - 7/16	190
7/17 - 7/23	300
7/24 - 7/30	380
7/31 - 8/6	600
8/7 - 8/13	610

Virginia Region: CDC Estimated Proportions of SARS-CoV-2 Lineages



** **

HHS Region 3: 8/8/2021 – 8/14/2021 NOWCAST

Region 3 - Delaware, District of Columbia, Maryland, Pennsylvania, Virginia, and West Virginia

WHO label	Lineage #	Type	%Total	95%PI
Alpha	B.1.1.7	VOC	0.6%	0.0-4.3%
Beta	B.1.351	VOC	0.0%	0.0-2.2%
Gamma	P.1	VOC	0.2%	0.0-2.2%
Delta	B.1.617.2	VOC	81.7%	69.6-91.3%
	AY.3	VOC	16.6%	6.5-28.3%
	AY.2	VOC	0.1%	0.0-2.2%
	AY.1	VOC	0.0%	0.0-2.2%
Eta	B.1.525	VOI	0.0%	0.0-2.2%
Iota	B.1.526	VOI	0.1%	0.0-2.2%
N/A	B.1.621		0.5%	0.0-2.2%
	B.1.621.1		0.1%	0.0-2.2%
	B.1.628		0.0%	0.0-2.2%
	A.2.5		0.0%	0.0-2.2%
	B.1.626		0.0%	0.0-2.2%
Other	B.1.617.1	VOI	0.0%	0.0-2.2%
	B.1.617.3	VOI	0.0%	0.0-2.2%
	Other*		0.0%	0.0-2.2%

* Enumerated lineages are VOI/VOC or are circulating >1% in at least one HHS region during at least one two week period; remaining lineages are aggregated as "Other".

** These data include Nowcast estimates, which are modeled projections that may differ from weighted estimates generated at later dates

Sublineages of P.1 and B.1.351 are aggregated with the parent lineage and included in parent lineage's proportion. AY.3.1 is aggregated with its parent lineage AY.3. AY.4-AY.12 aggregated with B.1.617.2